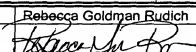


<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. <b>8733.432.20</b> First Inventor <b>Ik-Soo KIM et al.</b> Title <b>IN-PLANE SWITCHING LCD DEVICE</b> Express Mail Label No. _____	
<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.		<b>ADDRESS TO:</b> MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small> 2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small> 3. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages <b>36</b>]</span> <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claims</li> <li>- Abstract of the Disclosure</li> </ul> 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">[Total Sheets <b>9</b>]</span> 5. Oath or Declaration <span style="float: right;">[Total Sheets <b>2</b>]</span> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))  <small>(for continuation/divisional with Box 18 completed)</small> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b>  <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.53(p)(2) and 1.33(b).</small></li> </ul> </li> </ul> 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:                         <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> Paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul>	
<b>ACCOMPANYING APPLICATIONS PARTS</b>			
9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <span style="float: right;"><input type="checkbox"/> Power of Attorney</span> <small>(when there is an assignee)</small> 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <span style="float: right;"><input type="checkbox"/> Copies of IDS Citations</span> 13. <input checked="" type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). <small>Applicant must attach form PTO/SB/35 or its equivalent.</small> 17. <input checked="" type="checkbox"/> Other: <span style="border: 1px solid black; padding: 2px;">Check for \$750.00 Claim for Priority</span>			
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: <input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: <b>09/860,590</b> Prior application information: Examiner <b>Jeanne A. Di Grazio</b> Art Unit: <b>2871</b> For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
<b>19. CORRESPONDENCE ADDRESS</b>			
<input checked="" type="checkbox"/> Customer Number or Bar Code Label <b>30827</b>		or <input type="checkbox"/> Correspondence address below	
Name <b>MCKENNA LONG &amp; ALDRIDGE LLP</b> <b>Song K. Jung</b> Address <b>1900 K Street, N.W.</b> City <b>Washington</b> State <b>DC</b> Zip Code <b>20006</b> Country <b>US</b> Telephone <b>(202) 496-7500</b> Fax <b>(202) 496-7756</b>			
Name (Print/Type) <b>Rebecca Goldman Rudich</b>		Registration No. (Attorney/Agent) <b>41,786</b>	
Signature 		Date <b>August 29, 2003</b>	

2339 U.S. PTO  
 10 65114  
 08/29/03

15750 U.S. PTO  
08/29/03

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
This form is not valid unless it displays a valid OMB control number.

<b>FEE TRANSMITTAL</b> <b>for FY 2003</b> <small>Effective 01/01/2003, Patent fees are subject to annual revision.</small>		<b>Complete if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	TBA
<b>TOTAL AMOUNT OF PAYMENT</b> (\$)		Filing Date	August 29, 2003
750.00		First Named Inventor	Ik-Soo KIM et al.
		Examiner Name	Not Yet Assigned
		Art Unit	N/A
		Attorney Docket No.	8733.432.20-US

<b>METHOD OF PAYMENT (check all that apply)</b>				<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																												
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Deposit Account Deposit Account Number: 50-0911 Deposit Account Name: McKenna Long & Aldridge LLP The Director is hereby authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Entity Code</th> <th>Small Entity Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>1251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>410</td><td>1252</td><td>205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>930</td><td>1253</td><td>465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,450</td><td>1254</td><td>725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>1,970</td><td>1255</td><td>985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>320</td><td>1401</td><td>180</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>320</td><td>1402</td><td>180</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>1403</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>1452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,300</td><td>1453</td><td>650</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,300</td><td>1501</td><td>650</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>470</td><td>1502</td><td>235</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>630</td><td>1503</td><td>315</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(a)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Sheet</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>750</td><td>1809</td><td>375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>750</td><td>1810</td><td>375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>750</td><td>1801</td><td>375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="5">Other fee (specify)</td><td></td></tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3) (\$)</td> </tr> </tbody> </table>				Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for ex parte reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	1251	55	Extension for reply within first month		1252	410	1252	205	Extension for reply within second month		1253	930	1253	465	Extension for reply within third month		1254	1,450	1254	725	Extension for reply within fourth month		1255	1,970	1255	985	Extension for reply within fifth month		1401	320	1401	180	Notice of Appeal		1402	320	1402	180	Filing a brief in support of an appeal		1403	280	1403	140	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	1452	55	Petition to revive - unavoidable		1453	1,300	1453	650	Petition to revive - unintentional		1501	1,300	1501	650	Utility issue fee (or reissue)		1502	470	1502	235	Design issue fee		1503	630	1503	315	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(a)		1806	180	1806	180	Submission of Information Disclosure Sheet		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	750	1809	375	Filing a submission after final rejection (37 CFR 1.129(a))		1810	750	1810	375	For each additional invention to be examined (37 CFR 1.129(b))		1801	750	1801	375	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify)						*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)	
Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																												
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																												
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																												
1053	130	1053	130	Non-English specification																																																																																																																																																																																												
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																												
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																												
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																												
1251	110	1251	55	Extension for reply within first month																																																																																																																																																																																												
1252	410	1252	205	Extension for reply within second month																																																																																																																																																																																												
1253	930	1253	465	Extension for reply within third month																																																																																																																																																																																												
1254	1,450	1254	725	Extension for reply within fourth month																																																																																																																																																																																												
1255	1,970	1255	985	Extension for reply within fifth month																																																																																																																																																																																												
1401	320	1401	180	Notice of Appeal																																																																																																																																																																																												
1402	320	1402	180	Filing a brief in support of an appeal																																																																																																																																																																																												
1403	280	1403	140	Request for oral hearing																																																																																																																																																																																												
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																												
1452	110	1452	55	Petition to revive - unavoidable																																																																																																																																																																																												
1453	1,300	1453	650	Petition to revive - unintentional																																																																																																																																																																																												
1501	1,300	1501	650	Utility issue fee (or reissue)																																																																																																																																																																																												
1502	470	1502	235	Design issue fee																																																																																																																																																																																												
1503	630	1503	315	Plant issue fee																																																																																																																																																																																												
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																												
1807	50	1807	50	Processing fee under 37 CFR 1.17(a)																																																																																																																																																																																												
1806	180	1806	180	Submission of Information Disclosure Sheet																																																																																																																																																																																												
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																												
1809	750	1809	375	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																												
1810	750	1810	375	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																												
1801	750	1801	375	Request for Continued Examination (RCE)																																																																																																																																																																																												
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																												
Other fee (specify)																																																																																																																																																																																																
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)																																																																																																																																																																																												
<b>FEE CALCULATION</b>																																																																																																																																																																																																
<b>1. BASIC FILING FEE</b>																																																																																																																																																																																																
Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																												
1001	750	2001	375	Utility filing fee	750.00																																																																																																																																																																																											
1002	330	2002	185	Design filing fee																																																																																																																																																																																												
1003	520	2003	260	Plant filing fee																																																																																																																																																																																												
1004	750	2004	375	Reissue filing fee																																																																																																																																																																																												
1005	160	2005	80	Provisional filing fee																																																																																																																																																																																												
SUBTOTAL (1) (\$)					750.00																																																																																																																																																																																											
<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b>																																																																																																																																																																																																
Total Claims	19	-20** =	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																											
Independent Claims	3	-3** =	0	0	0.00																																																																																																																																																																																											
Multiple Dependent			0	0	0.00																																																																																																																																																																																											
<b>Large Entity Small Entity</b>																																																																																																																																																																																																
Fee Code (\$)	Fee Code (\$)	Fee (\$)	Fee Description																																																																																																																																																																																													
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																												
1201	84	2201	42	Independent claims in excess of 3																																																																																																																																																																																												
1203	280	2203	140	Multiple dependent claim, if not paid																																																																																																																																																																																												
1204	84	2204	42	** Reissue independent claims over original patent																																																																																																																																																																																												
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																												
SUBTOTAL (2) (\$)					0.00																																																																																																																																																																																											
**or number previously paid, if greater. For Reissues, see above																																																																																																																																																																																																

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	Rebecca Goldman Rudich	Registration No. (Attorney/Agent)	41,786
Signature		Telephone	(202) 496-7463
		Date	August 29, 2003